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(d) receiving at the service vehicle the transmitted first set of data and using same together with the known type of fluid product ready for distribution to determine whether or not the selected port is about to be serviced with an appropriate fluid product, and generating a signal commensurate therewith;

(e) distributing the fluid product to the selected port;

(f) obtaining at the service vehicle a second set of data associated with the distribution of the particular type of fluid product to the selected port; and

(g) logging the signal, the received first set of data and the second set of data.

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2. (Amended) A method for passively monitoring the servicing of a vehicle during distribution of fluid products thereto as recited in claim 1, wherein steps (a) through (g) are repeated until service of each port on the vehicle is complete.

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5. (Amended) A computer program embodied on a computer readable medium for passively monitoring the servicing of a vehicle during distribution of fluid products thereto, comprising:

(a) a code segment that causes a first set of data, obtained from a remote sensor and associated with a particular vehicle port to be serviced, to be received at a service vehicle;

(b) a code segment that causes a determination to be made as to the type of fluid product being ready for delivery to a vehicle port and whether or not said first set of data identifies a particular port intended to be serviced with said type of fluid product, and that causes a signal to be generated commensurate therewith;

(c) a code segment that causes a second set of data, associated with distribution of a fluid product to the selected port, to be obtained; and

(d) a code segment that causes the signal, the first set of data and the second set of data to be logged.

6. (Amended) A computer program for passively monitoring the servicing of a vehicle during distribution of fluid products thereto as recited in claim 5, and further comprising a code segment that causes the code segments performing steps (a) through (d) to repeat until service of the vehicle is complete.

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9. (Amended) A system for passively monitoring distribution of fluid products from a mobile service vehicle to fill ports on a vehicle to be serviced, comprising:

- (a) indicia providing a first set of data associated with a particular port on a vehicle to be serviced;
- (b) means for reading said indicia and transmitting the first set to data to the service vehicle;
- (c) logic that determines the type of fluid product being delivered and whether or not said first set of data identifies a particular port intended to be serviced with said type of fluid product, and that generates a signal commensurate therewith;
- (d) apparatus for generating a second set of data associated with the distribution of a fluid product to the selected port; and
- (e) logic that logs the signal, the first set of data and the second set of data.

10. (Amended) A system for passively monitoring distribution of fluid products from a mobile service vehicle to fill ports, as recited in claim 9, wherein steps (a) through (e) are repeated until service of each fill port is complete.

11. (Amended) A system for passively monitoring distribution of fluid products from a mobile service vehicle to fill ports, as recited in claim 9, wherein a horn is actuated by the signal to validate selection of the port as the intended port for receipt of the fluid product.

12. (Amended) A system for passively monitoring distribution of fluid products from a mobile service vehicle to fill ports, as recited in claim 9, wherein the signal causes the sounding of an alarm warning of improper distribution of the product.

13. (Amended) A system and apparatus for passively monitoring distribution of fluid products from distribution sources to fill ports on a vehicle, comprising:

a port identifying means associated with each fill port on a vehicle to be serviced, said port identifying means containing port data relating to the identity of the vehicle, the identity of the fill port; and the type of material to be dispensed to the port;

reader means for reading said port data and transmitting same to a remote receiver associated with the distribution sources of said fluid products;

flow monitoring means associated with said remote receiver and the distribution sources and operative to generate flow data indicating a particular distribution source, the type of fluid to be dispensed from said particular source, and the volume of fluid actually dispensed from said particular source to a particular port;

means associated with said flow monitoring means for comparing said port data to said flow data and operative to generate an alarm in the event that any aspect of said port data is incompatible with any aspect of said flow data; and

means for producing a record of said port data, said flow data and the fact that an alarm was generated.

14. (Amended) A system and apparatus as recited in claim 13, wherein said port data includes information relating to the type of material to be distributed to a particular type of port.

15. (Amended) A system and apparatus as recited in claim 13, wherein the flow monitoring means includes a lookup table identifying the type of material to be put into a particular type of port.

16. (Amended) A system and apparatus as recited in claim 13, and further comprising means for determining the location of said vehicle to be serviced and the time of servicing, and for reporting same to said means for producing a record whereby such location and time of servicing is included in said record.

17. (Amended) A system and apparatus as recited in claim 13, wherein said port identifying means includes an array of indicators organized so that when inspected, a set of code terms can

be developed uniquely identifying a particular vehicle, a particular port and the type of material to be distributed to said particular port.

18. (Amended) A system and apparatus as recited in claim 13, wherein said reader means is further operative to generate operator data identifying the operator responsible for servicing said vehicle, and to transmit said operator data to said remote receiver.

19. (Amended) A system and apparatus as recited in claim 14, wherein said port identifying means includes an array of indicators organized so that when inspected, a set of code terms can be developed uniquely identifying said vehicle, the associated port and the type of material to be distributed to said associated port.

20. (Amended) A system and apparatus as recited in claim 14, wherein said reader means is further operative to generate operator data identifying the operator responsible for servicing said vehicle and for transmitting said operator data to said remote receiver.

21. (Amended) A system and apparatus as recited in claim 15, wherein said reader means is further operative to generate operator data identifying the operator responsible for servicing said vehicle and for transmitting said operator data to said remote receiver.

22. (Amended) A method of passively monitoring the servicing of a vehicle during distribution of fluid products to fill ports on the vehicle, comprising the steps of:

identifying particular ports on a vehicle to be serviced by providing identifying means proximate each said port containing port data relating to the identity of the vehicle and the identity of the port;

reading port data associated with a particular port and transmitting same to a remote receiver;

determining the source of fluid product to be distributed to a particular port and generating source data indicating the source;

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comparing said port data to the source data and generating an alarm in the event that any aspect of said port data is incompatible with said source data;

monitoring the source of fluid product distributed to a particular port and generating source data indicating the fluid source, the type of fluid dispensed from said fluid source, and the volume of fluid actually dispensed from said fluid source; and

producing a record of said port data, said flow data and the fact that an alarm was generated.

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23. (Amended) A method as recited in claim 22, wherein the identifying means proximate each said port further contains port data relating to the type of fluid product to be distributed to the port.

24. (Amended) A method as recited in claim 22, wherein monitoring the source of each fluid product further comprises accessing a lookup table identifying the type of fluid product to be put into a particular port.

25. (Amended) A method as recited in claim 22, and further comprising the steps of determining the location of said vehicle to be serviced and the time of servicing, and reporting same for inclusion in said record.
